

IN THE CLAIMS:

Please cancel claims 6-7, 12 and 14-19 without prejudice or disclaimer, and amend claims 4 and 8, and add new claims 20-25 as follows:

1-3. (Cancelled)

4. (Currently Amended) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:

an accumulator section to accumulate electronic data on said lecture contents;

a holding section to hold lecture-related information relating to the lecture contents;

a send section to send said lecture contents and said lecture-related information to said student terminal;

an analyzer section to analyze electronic data on said lecture contents;

a matcher section to link said lecture-related information with said lecture contents based on said analysis results;

a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal; and

an analyzer for extracting text information and/or drawing information from video information contained in said lecture contents, and for extracting text information from audio information contained in said lecture contents,

wherein said matcher section links said video information with said lecture-related information based on results from comparing said lecture-related information with said extracted text information and/or drawing information,

wherein said send section sends said selected lecture contents to the student terminal that sent the reply to said lecture-related information,

wherein said analyzer adds time information relating to lecture contents to the extracted text information per sentence and/or to the extracted drawing information per drawing,

wherein said matcher section extracts words from said extracted text information and said extracted drawing information, extracts time information on word locations where specified words frequently appear in said extracted text

information and said extracted drawing information, extracts said video information corresponding to said specified words in each sentence or in each drawing with said time information, [[and]] extracts said audio information corresponding to said specified words in each sentence with said time information, and stores said extracted words, said extracted time information, said extracted video information and said extracted audio information in a relationship collating to each other on a time axis in time-spans during each of which the specified words frequently appear in said extracted text information,

wherein said send section sends practice problems including plural problems each of which relates to said lecture contents as said lecture-related information, and

wherein said control section selects lecture contents to be sent among lecture contents linked with each of said problems included in said practice problems based on true-false judgment results of replies to each of said problems included in said practice problems sent from said student terminal.

5-7. (Cancelled)

8. (Currently Amended) An information management server according to claim [[7]]4, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on the inclusive relation of said source terminal.

9-19. (Cancelled)

20. (New) An information management server according to claim 4, wherein said matcher section compares a time span start time and a time span end time of each of said time-spans of said extracted video information and said extracted audio information, finds overlaps among said time spans, sets an overlap flag for each overlap among said time-spans, stores said overlap flag with said extracted video and audio information as

overlap flag data, searches within said overlap flag data for a hit word contained in an instructional material and review problem contents, finds overlap flag data containing the hit word, and creates review problems based upon found overlap flag data containing the hit word.

21. (New) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:
 - an accumulator section to accumulate electronic data on said lecture contents;
 - a holding section to hold lecture-related information relating to the lecture contents;
 - a send section to send said lecture contents and said lecture-related information to said student terminal;
 - an analyzer section to analyze electronic data on said lecture contents;
 - a matcher section to link said lecture-related information with said lecture contents based on said analysis results;
 - a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal; and
 - an analyzer for extracting text information and/or drawing information from video information contained in said lecture contents, and for extracting text information from audio information contained in said lecture contents,
 - wherein said matcher section links said video information with said lecture-related information based on results from comparing said lecture-related information with said extracted text information and/or drawing information,
 - wherein said send section sends said selected lecture contents to the student terminal that sent the reply to said lecture-related information,
 - wherein said analyzer adds time information relating to lecture contents to the extracted text information per sentence and/or to the extracted drawing information per drawing,
 - wherein said matcher section extracts words from said extracted text information and said extracted drawing information, extracts time information on word locations where specified words frequently appear in said extracted text information and said extracted drawing information, extracts said video information corresponding to said specified words in each sentence or in each drawing with said

time information, extracts said audio information corresponding to said specified words in each sentence with said time information,

wherein said send section sends practice problems including plural problems each of which relates to said lecture contents as said lecture-related information,

wherein said control section selects lecture contents to be sent among lecture contents linked with each of said problems included in said practice problems based on true-false judgment results of replies to each of said problems included in said practice problems sent from said student terminal, and

wherein said control section extracts sections of video frame data contained in said selected lecture contents and within time-spans during each of which the specified words frequently appear in said extracted text information, and creates supplemental learning contents based upon said sections of video frame data to send to said student terminal.

22. (New) An information management server according to claim 21, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on the inclusive relation of said source terminal.

23. (New) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:

an accumulator section to accumulate electronic data on said lecture contents;

a holding section to hold lecture-related information relating to the lecture contents;

a send section to send said lecture contents and said lecture-related information to said student terminal;

an analyzer section to analyze electronic data on said lecture contents;

a matcher section to link said lecture-related information with said lecture contents based on said analysis results;

a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal; and

an analyzer for extracting text information and/or drawing information from video information contained in said lecture contents, and for extracting text information from audio information contained in said lecture contents,

wherein said matcher section links said video information with said lecture-related information based on results from comparing said lecture-related information with said extracted text information and/or drawing information,

wherein said send section sends said selected lecture contents to the student terminal that sent the reply to said lecture-related information,

wherein said analyzer adds time information relating to lecture contents to the extracted text information per sentence and/or to the extracted drawing information per drawing,

wherein said matcher section extracts words from said extracted text information and said extracted drawing information, extracts time information on word locations where specified words frequently appear in said extracted text information and said extracted drawing information, extracts said video information corresponding to said specified words in each sentence or in each drawing with said time information, extracts said audio information corresponding to said specified words in each sentence with said time information, and stores said extracted words, said extracted time information, said extracted video information and said extracted audio information in a relationship collating to each other on a time axis in time-spans during each of which the specified words frequently appear in said extracted text information,

wherein said send section sends practice problems including plural problems each of which relates to said lecture contents as said lecture-related information,

wherein said control section selects lecture contents to be sent among lecture contents linked with each of said problems included in said practice problems based on true-false judgment results of replies to each of said problems included in said practice problems sent from said student terminal, and

wherein said control section extracts sections of video frame data contained in said selected lecture contents and within time-spans during each of which the specified words frequently appear in said extracted text information, and creates

supplemental learning contents based upon said sections of video frame data to send to said student terminal.

24. (New) An information management server according to claim 23, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on the inclusive relation of said source terminal.

25. (New) An information management server according to claim 23, wherein said matcher section compares a time span start time and a time span end time of each of said time-spans of said extracted video information and said extracted audio information, finds overlaps among said time spans, sets an overlap flag for each overlap among said time-spans, stores said overlap flag with said extracted video and audio information as overlap flag data, searches within said overlap flag data for a hit word contained in an instructional material and review problem contents, finds overlap flag data containing the hit word, and creates review problems based upon found overlap flag data containing the hit word.